# Federal Environmental Assessment per the

# National Environmental Policy Act (24 CFR Part 58) & National Historic Preservation Act (36 CFR Part 800)

# Dunwoody Apartments, 110 E. 18<sup>th</sup> Street, Minneapolis, MN

Responsible Entity: City of Minneapolis

# Minneapolis Grants and Special Projects Office and the Department of Community Planning and Economic Development—Planning Division

### November 28, 2011

	<b>Grants and Special Projects</b>	<b>Project</b>
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### INTRODUCTION

This document is a federal Environmental Assessment (EA) completed by the City of Minneapolis regarding the above named project. Federal regulations require verification that the project will meet the requirements of the National Environmental Policy Act of 1969.

On 14 October 1996, the U.S. Department of Housing and Urban Development (HUD) delegated its responsibilities to complete required EAs to the appropriate local governmental agencies, in this case, the City of Minneapolis. The City has completed the EA in compliance with the National Environmental Policy Act, most specifically 24 CFR Part 58, the National Historic Preservation Act (36 CFR Part 800), and all applicable rules and regulations at both the federal and state levels. Consistent with 36 CFR Part 800.8 (c), it is also intended to meet the requirements of Section 106 of the National Historic Preservation Act.

Consistent with 24 CFR Part 58, this EA is being distributed to the interested groups and individuals, local news media, libraries, and appropriate governmental agencies. A 15-day review period per 24 CFR Part 58.45 will commence beginning on the date of distribution listed above. Responses and comments on the EA can be submitted within the review period to Mr. Bower at the address listed above.

# SUMMARY OF ENVIRONMENTAL CONDITIONS FINDINGS AND CONCLUSIONS

### 1.0 Project Summary

Dunwoody Apartments - Gateway Commons, LLC, proposes to renovate and rehabilitate the former Abbott Hospital building for a 123-unit (including studio, one and two bedroom units) rental residential development on the property located at 110 18th Street East. The subject site is L-shaped and bounded to the north by the Copenhagen Apartments and a surface parking lot which are adjacent to East 17th Street, to the south by East 18th Street, to the east by Stevens Avenue South, to the west by 1st Avenue South. The building is currently vacant and was recently listed on the National Register of Historic Places (Attachment 2).

### 2.0 Project Evaluation per 24 CFR Part 58, Section 58.40

2.1 Determine existing conditions and describe the character, features, and resources of the project area and its surrounding; identify the trends that are likely to continue in the absence of the project.

Response: The developer intends to renovate and rehabilitate the existing structure located on the premises. Surrounding uses include various commercial uses, as well as residential developments of varying densities. If the project does not move forward, this site is likely to remain in its current state until some future date with further destabilization to the structure. In contrast, the proposal to rehabilitate the structure and provide affordable housing opportunities within the neighborhood complements other uses in the area and the additional residential units would strengthen the existing commercial base within the neighborhood.

2.2 Identify all potential environmental impacts, whether beneficial or adverse, and the conditions that would change as a result of the project.

**Response:** EA Form 5 and the responses address all of the potential environmental effects that would change as a result of this project. There are two primary environmental issues associated with the project:

Historic: No adverse historic impacts are expected to result from the project. The project has received all applicable local Heritage Preservation Commission (HPC) approvals. The former hospital complex represents five (5) construction episodes beginning with the construction of the original Abbott Hospital, known as the Dunwoody building in 1910, with connected additions completed in 1919-1920, 1938, 1954, and 1957. The Dunwoody building (1910) is contributing to the Stevens Square Historic District and also contributing to the National Register of Historic Places District. The four-story Janney Pavilion Building (1919-1920) is non-contributing to the local district, but is contributing to the National Register District. The additional buildings on the site: the Wyman Addition (1938); the Janney Pavilion Addition (1954) and the Stevens Addition (1957) are noncontributing to both the local and national districts. The building is now listed on the National Register of Historic Places (Attachment 3).

Noise Abatement and Control: The noise analysis (Attachment 6) concludes that the project is located within a "Normally Unacceptable Noise Zone" for HUD-funded projects as defined in federal regulations at 24 CFR Part 51 due to roadway noise

(automobiles on Interstate 94, Nicollet Avenue, 1st Avenue, and 3rd Avenue). The project will require mitigation per 24 CFR 51.104 (1) and Special Environmental Clearance from the Environmental Clearance Officer. The Sound Transmission Class (STC) for the proposed construction will decrease the combined interior adjusted DNL to where the project will be in the "Acceptable Noise Zone." The noise analysis (Attachment 6) concludes that the project is located within a "Acceptable" Zone for HUD-funded projects as defined in federal regulations at 24 CFR Part 51.

**Toxic or Hazardous Substances and Radioactive Materials:** A Phase I Environmental Site Assessment is attached (Attachment 7). A summary of the results as well as recommendations are provided in the attached document.

2.3 Identify, analyze, and evaluate all impacts to determine the significance of their effects on the human environment and whether the project will require further compliance under related laws and authorities cited in Sec. 58.5 and Sec. 58.6.

**Response:** Sections 58.5 and 58.6 state that the Responsible Agency must consider the criteria, standards, polices, and regulations of several laws and agencies that are listed in these sections of the law. EA Form 5 and the responses to these findings address all of these laws and agencies.

2.4 Examine and recommend feasible ways in which the project or external factors related to the project could be modified in order to eliminate or minimize adverse environmental impacts.

**Response:** As described in this Environmental Assessment, no other substantial adverse environmental effects are likely to result from the project. The project has been and will continue to be the subject of multiple City reviews that will further ensure this to be true and to ensure the project is consistent with all applicable policies, plans, laws, and regulations.

2.5 Examine alternatives to the project itself, if appropriate, including the alternative of no action.

Response: The no action alternative is addressed above in the response to Finding number 1.

2.6 Complete all environmental review requirements necessary for the project's compliance with applicable authorities cited in Sections 58.5 and 58.6.

**Response:** Sections 58.5 and 58.6 state that the Responsible Agency must consider the criteria, standards, polices, and regulations of several laws and agencies that are listed in these sections of the law. Form 5 and the responses to these findings address all of these laws and agencies.

### 3.0 Conclusion and Finding of No Significant Impact

After the City has addressed all concerns raised during the review period, the City will have complied with all applicable federal, state and local regulations. When signed below, the City makes a "Finding of No Significant Impact."

### Federal Environmental Assessment - Dunwoody Apartments

The undersigned does hereby certify that the information furnished in this Environmental Assessment is true and accurate to the best of their knowledge, and that the project is not an action that will result in a significant impact on the quality of the human environment:

Matthew Bower, Project Coordinator, Minneapolis Grants and Special Projects Office

# **ATTACHMENT 1**

Form 5 – Full Federal Environmental Assessment

Project Information  Dunwoody Apartm  Colect imme and sammary  Colect immer and adversary  Colect imm							A CONTROL OF THE STATE OF THE PROPERTY OF THE
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pplicant Cir.  pplicant Cir. Cir. Cir. Cir. Cir. Address: Cir. Address: Cir.	unwoody velopme the sout	Apartment on the 1 by East of 2).	nts - Gat property 18th Stre	eway Cor located a	nmons, LLC, propos t 110 18th Street Ea east by Stevens Aw	es to renoval st. The subj mue South, t	Dunwoody Apartments - Geleway Commons, LLC, proposes to renovate and rehabilitate the former Abbort Hospital building for a 123-unit (including studio, one and two bedroom units) renal residential development on the property located at 110 18th Street East. The subject sits is L-damped and bounded to the north by the Copenhagen Apartments and a surface parking tot which are adjacent to East 17th Street, to the east by Streets Avenue South, to the west by 1st Avenue South. The building is currently wasnt and was revenly listed on the National Register of Historic Places
Open contact Am	U East 18 ty of Mir	City of Minneapolis	$\top$				
Dhone	ny Gersk	ft, Senior Project C	Project le Sout	Coordina h, Suite 2	or 00, Minneapolis, MN 5540	1 55401	
	2-673-52	88	1 5	agi i	email juny,geleler@cl.minneapolic.mn.us	lie,mn,us	
erson	ndy Behr att Bowe	Cindy Behnke, Senior CPD Represe Matt Bower, Project Coordinator	Coordin	epresent	ative, US HUD, 920	Second Ave	uc, Suite 1300, Minneapolis, MN 55402; 612-370-3019 X2101; Cynllia Belmke@hud.gov
Address Mir Phone 612	inneapoli 2-673-21	s Grants	and Spec		2ts Office, 350 Sout	5th Street,	2ts Office, 350 South 5th Street, Rm 361tM City Hall, Minnespolis, MN 55415-1385
and control control	2-673-37	24	8		Matthew Bower@ci.minneapolis.mn.us	apolis,mn.us	
Address Contact person (CP)	ED - Pla	mar, sen	or Flanti		4th Street, Rm 300	SC. Minnes	odis MN 54415.1385
Phone 612 Facsimile 612	2-673-35	26 28	£ E		612-673-2157	on our ellouse	
	Н						The state of the s
	-	l	r	ľ			Statutory Checklist
Area of Statutory or Regulatory Compliance Accompliance Note appplicable to	rear appreament	Consultation required	Review required*	Permits required	Petermination of yanoteknoo. stimraq ;elevoriqqe *bonistdo	Conditions and/or midgation actions required	Source Documentation
FACTORS	П		Н	T			
Historic (58.5 (a))			· ·		×		No adverse historic impacts are expected to result from the project. The project has received all applicable local Herrlage Preservation Commission (HCPC) approvales for former project has received all applicable beginning with the construction of the original Abboat Bespitals from England Programs (HCPC) approvales (1910) and the project project of the project project of the project project of the project project of the project project project of the project projec
Floodplain management [58.5 (b)]	×				- 7		The City's GIS mapping system incorporates the floodplain zones mapped by the Federal Emergency Management Agency (EEMAA). The attended may Optimize that the project site is not becaused which may optimize the constraint of the project with the constant which is a located within the jurisdiction of the Middle Mississipp Watership District.
Wetland protection [58.5 (b)]	*	-					The site is located within the jurisdiction of the Middle Mississippi Watershed District. Per the National Wetlands Inventory, no wellands have been identified on his urban site or nearby when surrannifines (state-house).
Coastal barrier management [58.5 (c)]	×						Here are no coastal zanes in or near the City of Minneapolis.
Sole source aquifers [58.5 (d)]	×						The project will have no impact on sole source aquifers. The site is served by the Minneapolis Water Works which draws its wester supply from the Massisapit Ravander Mode NR appropriation permit #786216-1. Potable supplies are adequate to meet the neests of the project Without modification to the existence seasons.
	×						For over a century, the project area is characterized as a fully developed residential neighborhood with associated neighborhood-serving retail and commercial uses. Vegetation is limited to the individual residential yards, on-street boulevards, and nearby city parks. Generally, this results in limited labilat to support any significant validific resources. There is no construction involved beyond the original building forpint and oristurbance of the care on there than the addition of landscaping around the building so consultation with the DNR is unnecessary in this circumstance.
Wild & scenic rivers [58.5 (f)]	×						here are no wild and scenic rivers in or near the City of Minneapolis.
-	×						The project will have to comply with all perthean federal requirements. During construction, best management practices will be implemented including senter to a coll to the construction of the project. City policies encounties building per senter to a construction of the project. City policies construction that project, City policies construction are construction of the project. City policies construction, and internative transportation, and internative transportation and the construction of the const
Farmland protection [58.5 (h)]	×						Not applicable.
	×						The entire 123-unit Dmwwody Apartments project consists of studio, one and two bedroom apartments that would be nearriched to individuals enaming 50% of zera median or less. No sensitive populations will be adversely effected by the project. According to 2000 census figures, the population of the City is 382,216. The population of the coverall metro ment is 84,77% white, 5.9% African American, 4.6% Asian, with Area as a whole. Those reporting a disability and not institutionalized are 21,8% for Minneapolis compared to 20,2% in the Metropolitan Area as a whole.
HUD ENVIRONMENTAL STANDARDS	•	-	.	ľ			
Voise abatement and control fper 24 CFR 51 3]					-	×	The noise analysis (Attachment 6) contitutes that the project is located within a "Normally Unacceptable Noise Zone" for HID-Initided projects as defined in facility angulated as a location of the impastic set, Mariant angulations at 3.4 CRF hard 5.4 the content of intensities as in transities as in the market of the marke
Toxic or hazardous substances and radioactive materials [per HUD Notice 79-83]						×	A Pinne I Environmental Site Assessment is attached (Attachment 7). A summary of the results as well as recommendations are provided in the attached document.
Sking of HUD-assisted projects near hazardons onerations from 24 CRP 51 CT	×	-	$\dagger$	T			The project will not be sited near any hazardous mensions.

							Statutory Checklist
Area of Statutory or Regulatory Compliance	Mot applicable to this project	Consultation required	Review required.	Permits required	Determination of Constitution	Conditions and/or mifigation actions required	Source Documentation
Airport Clear Zones and Accident Potential Zones [per 24 CFR 51 D]	×						Plate SZO of the "MSP Zoning map" identifies the only runway Safety Zone that extends into the City. The affected area is very simult and located within a park southeast of Lake Notomis. No buildings are within this area. The subject site is not located meer this zone.
LAND DEVELOPMENT		H					The second secon
Conformation with comprehensive plans and coming					×		Accounts to the Ministry Find for Substantiare UNOWIN, One supplement receiver Vuntura relace resignance armserates, a ventural before of Molotie Avenue which is a dealgomed Commercial Corridor in this location. The uses within the area are vented and include primarily residential and commercial uses. The proposal to remove and admissible the structures on the property for 22 apparatures is oferestimate with the relevant provisions as follows: LUP 1.1 states, "Enablish land use regulations to entire one the highest possible consistent with the relevant provisions as follows: LUP 1.1 states, "Enablish land use regulations to entire the highest possible permeabes to entergought be emportable to the highest possible operations are surrounded and the complements plans: Proposale perpendents are proposale permeabes to designed temporabements plans: provide the proposale permeabes to district the ministry one begins the surrounder of the cate of
Slope, erosion and soil suitability	×						There are no steep slopes on the site and the site is currently developed. During demolition and construction to relabilities the existing structure. The six management practices for control of croston and sedimentation will be implemented as required by the Minneapolis Code of Configurees. Chapter 52, Eroston and Sediment Control for Land Disturbance Activities. The City will also conduct on-site inspections during rehabilitation and construction.
Hazards, nuisances, site safety, public safety	×						The project area is not adversely affected by on-site or off-site inzards or missarces. The project will bring new development that will add pedestran activity which usually translates into increased public safety. Planning Seaff has reviewed and the City Planning Commission has approved the development and believes it is in conformance with Crime Prevention Through Environmental Design (CFTED) principles.
Energy efficiency	×						The project will comply with the City's policies that call for the maximization of energy officiency.
Project's contribution to community noise levels	×						Construction noise of the project will be regulated by Minneupolis Code of Codimarcas, Chapter 359, Section 359, 70, Noise. This section of the Code specifies stated in this for both the human of operation of construction equipment and the allowable noise levels of that equipment. The City is previous from the City's Environmental Management Division of the Regulatory Services Department are responsible for anticicing the regulations, increased noise during construction will be temporary.
Visual quality, coherence, diversity, compatible use and scale					* ,		The Minospolis City Pluming Commission on January 10, 2011, approved a conditional use pormit for a Plumor Unit Development, withing and site plum review for the sprayed effected the project (Architecture 10, The review of these applications revaluated the potential visual, scale and massite impacts of the project as well as the computability of the development with the rest of the neighborhood. Further, a preliminary and final plat were agrooved by the Minosapolis City Pluming Commission on May 9, 2011 for the subject site.
Demographic character changes, displacement, employment, and income patterns	×						The project will provide additional opportunities for housing within the neighborhood. This will have positive effects on the neighborhood, halp to desiry the City in an east appropriate man are appropriated that have been all the construction of the weeks will add to be city's tax base and construction of the weeks will add to be city to the city's tax base and
Educational, commercial, health care and social service facilities	×						Not applicable.
Solid waste	×						Private insolers under contract with the property owner will provide municipal solid waste (AASW) collection and recycling program services. The CQV and the Courty maintain award-warming recycling programs that recover over 30% of the waste stream. The CQuany also recovers mainted of the embedded caregy in the AASW Hrough it against a inclination.
Water supply and waste water	×						The project will be served by the City's water system and the sentiary and seever systems. City sewers flow into the Metropolitan Council  "Briviounneal Services sanitary server interceptor for treatment at the Metropolitan Waste Water Treatment Plant with ultimate discharge to  the Meissinghi Ren. To pertendante or special beambant andoods be full its waterwater are required and adequate expanity exists in three  specials for the project. The residential units will chaw water from the City of Mannespolits water distribution and supply system and empty  most of it into the City's sanitary sewer system. Sufficient expacity exists in the City's supply and sewer systems for this project.
Stormwater	×						The Mississippi River is generally the receiving body for stormweter ruroff in the City. During demolition and construction, best management practices for correct of crossion and estimatation with be implemented as required by the Minnespole Code of Ordinaress, Comper 23, Evoision and Sediment Control of rurad Disturbance Activities. The City will also conduct on-site impections during construction. The project last received approved of a stormwater management plan from the City's Public Works Department for no-site excellent and filtering-thin and control of the Commenter of the Commenter of Com
Open space, recreation, cultural facilities	х						Not applicable.
Tansportation	The under	per	there's	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	×		A Travel Demard Managament Plan (TDMP) was not necessary for this development. The Cltys Pholic Works Department has reviewed and approach the fanal plan or perfecting to access, colonition and the provision of planting on size, As abstant in Section 24, 141 of of the azoning ode, in the OE3 district 3 spaces are required per dwelling unit. Based on the 123 sendential units proposed for the dwelopment, a tend of 110 predicting spaces would be required. The applicant proposes to provide a tend of 104 packing spaces for the government, a tend of 104 packing garage of the development within a single-story underground parking garage and within the surface packing lots on the premises which would not need the minimum requirements. The applicant has required and within the surface packing the defections.) The proposed also includes packing for 10 topicales outside of the structure as well in the basement of the underground parking garage. Adequate the surface of the underground parking garage. Adequate the proposed development.
Certification	1	1	V Craiming C		The modulation	musuea III i	is chyllodrichia Assessment is true and accurate to the best of their knowledge:
Signature of City official/Date Rebecca F	Rebecca F	MINOLA Parrur, Senio	or Planner	1	Jana	(	(22/1)
Attach evidence ujai reguired actions mave o	een taken.	1	1	1			

Federal Environmental Assessment Dunwoody Apartments

# **ATTACHMENT 2**

Project description, site map, photos and approved plans

		Project Status Proposed: 8/28/2008 Approved:  Closed: Complete: Impaction		Addre Pro	ess: oject ses: onal				1.	10 18tl	y Apts h St E y Flats
		Non-Impacted     Impacted     Occupancy     Rental     Ownership	<b>=</b> 0	INIT BR	Lous QTY 9	roducti UNIT 0BR	on an <30%	450% <b>&lt;50%</b>	<b>&lt;60%</b> 0	<b>4</b> <u>&lt;80%</u> 0	<u>MKT</u> 2
Project Activity  New Construction  Rehabilitation  Stabilization  Preservation  Year Built:	Development Apartment/Condo Townhome Coop Shelter Transitional Scattered Site/Other	Household  ✓ General  ─ Family w/Children  ─ Senior  ─ Single  ─ Special Needs  ─ Homeless	A 2 3 44 T T Shelte	BBR BBR +BR FOT er Uni		1BR 2BR 3BR 4+BR TOT	0 0 0 0 +	18 0 0 0 25 Conve	0 0 0 0 0	0 0 0 0 0 0 Jnits:	72 24 0 0 98 123

### **GENERAL INFORMATION**

Dunwoody Apartments is a proposed substantial rehab of an existing 4-story hospital building, originally constructed in 1910. The building is currently vacant, but originally housed the first Abbott hospital in Minneapolis, and is in the process of being listed on the National Register of Historic Places. Once rehabilitated, the building will contain 123 rental apartments, including studio, 1BR, and 2BR units.

Gateway Commons, LLC acquired the site in 2005 and has been working to stabilize the building and secure historic tax credits. The project has received its Part II approval from the National Park Service. The building is also expected to include space for 1-2 commercial tenants, along the East 18th Street frontage.

Contact Informations

	Comact miormation.
Owner Contact:	Consultant:
Swami Palanisami	Heidi Rathmann
Palanisami & Associates	Ponterre Group, LLC
5661 International Pkwy	4554 Zenith Ave S
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Fax: (763) 533-9586	Fax: (612) 722-0729
swami.engineer@palanisami.com	hrathmann@ponterregroup.com
Architect:	Property Manager:
Mina Adsit	To Be Determined
Adsit Architecture & Planning	Phone: ext-
3101 Franklin Ave E	Fax:
Minneapolis, MN 55406-	Support Services:
Phone: (612) 343-8013 ext-	
Fax: (612) 339-0976	
CPED Legal:	CPED Rehab:
Ruben Acosta	Dalene Lenneman
Phone: (612) 673-5052 ext-	Phone: (612) 673-5254 ext-
, , ,	Fax: (612) 673-5207
, ,	MPLS Affirmative Action
	Swami Palanisami Palanisami & Associates 5661 International Pkwy Minneapolis, MN 55428- Phone: (763) 504-5301 ext- Fax: (763) 533-9586 swami.engineer@palanisami.com  Architect: Mina Adsit Adsit Architecture & Planning 3101 Franklin Ave E Minneapolis, MN 55406- Phone: (612) 343-8013 ext- Fax: (612) 339-0976  CPED Legal: Ruben Acosta

# CPED MULTIFAMILY HOUSING DEPARTMENT Affordable Housing Inventory Project Data Worksheet

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Affordable Hous	sing Inventory F	Project Data Wo	rksheet	. <u> </u>		5/19/2	2011 10:09:34 AM				
4. (4.) (7.) [2]	A Marie Sale		Project Status	Project Name:			Dunwoody Apts				
			Proposed: 8/28/2008	Main Address:			110 18th St E				
			Approved:   Closed:	Project			Dunwoody Flats				
			Complete:	Aliases:			<u>·</u>				
			Impaction	Additional Addresses:							
			Non-Impacted		ghborhood	Stev	ens Sq-Loring Hts				
			) Impacted			on and Affor	-				
			<u>Occupancy</u>	<b>UNIT QTY</b>		And the state of t	<60% <80% MKT				
			Rental	0BR 9	ADD	. 0 7	0 0 2				
			Ownership	90 1BR 90	1BR 2BR	0 18	0 0 72				
<u>Project Activi</u>		elopment nent/Condo	<u>Household</u> General	2BR 24	BR 2BR	0 0	0 0 24				
New Construction	n 📗 💿 Apartn		Family w/Children	3BR 0	3BR	0 0	0 0 0				
Rehabilitation Stabilization	Coop		Senior	4+BR 0 TOT 123	4+BR TOT	0 0	0 0 0 0				
Preservation	◯ Shelte	r $\Box$	Single								
V Positio			Special Needs	Shelter Units:		+ Conve	ersion Units: 123				
Year Built:	Scatte	red Site/Other	Homeless	Section 8:							
		USES AND	PERMANE	NT SOURCE	S						
Project	Uses:		Pi	roject Permanent So							
Land:	\$3,058,787.00	Source / Program		<u>Amount</u>	<u>%</u>	<u>Term</u>	Committed				
Construction:	\$11,545,961.00	Syndication Prod	coads (Historia)	\$5,184,000.00							
Construction		HUD		\$9,600,000.00							
Contingency:	\$1,154,596.00	221(d)(4)		φ9,000,000.00							
Construction		CPED		\$875,000.00							
Interest:	\$399,339.00	AHTF		ψονο,σσο.σσ							
Relocation:	\$0.00	City of Minneapo	olis	\$1,600,000.00							
Developer Fee:	\$991,500.00	TIF		* ,,							
Legal Fees:	\$30,000.00	Hennepin Count	y	\$361,500.00			5/3/2011				
Architect Fees:	\$616,500.00	TOD									
-		Hennepin Count	у	\$275,000.00		*					
Other Costs:	\$1,278,873.00	AHIF									
Reserves:	\$480,000.00			\$465,000.00							
. L		Deferred Dev Fe	e								
Non-Housing:	\$0.00			\$539,056.00			3/16/2011				
TDC:	\$19,555,556.00	GP Loan				•					
TDC/Unit:	\$158,988.26	Hennepin County	y	\$494,400.00		5/1/2008					
		ERF			F.(4) (2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.						
Financing Other costs include co		Met Council TBRA		\$161,600.00			5/1/2008				
with environmental rer	mediation, sewer &	IDIXA	TDC:	¢10 555 556 00	T						
water access charges costs.	, and financing		IDC:	\$19,555,556.00							
COSIS.											
			<b>&gt;</b>								
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	1										

### **Dunwoody Apartments**

110 18<sup>th</sup> Street East Minneapolis, MN 55403

### Owner:

Gateway Commons LLC 5661 International Parkway Minneapolis, MN 55428 763-533-9403(ph) 763-533-9586(fax)

### **Description:**

Year purchased: 2005

Acreage:

1.71 acres

Zoning:

OR3 District (Institutional Office Residential)

PID#

2702924430001

County:

Hennepin County

Block/Addition: Block 15, Jackson, Daniels, Whitneys addition to city of Minneapolis

Parcels 1 to 4 and 8 to 14

Recorded:

Torrens property

Ward:

6

Councilman:

Robert Lilligren (612-673-2206)

Robert.lilligren@ci.minneapolis.mn.us

Neighborhood:

Stevens Square Neighborhood Organization

Steve Gallagher

(612-874-2840)

Steven.gallagher3@gmail.com

### **Building Summary:**

# of floors:

4 (plus basement and sub-basement-partial)

Building Height: 43 ft (plus mechanical penthouse)

**Gross Sf** 

147,045 sf-existing

Footprint sf

36,990 sf

	-L-		~-
Bui	ldi	ng	

### Year Built:

### Design Team:

Abbott Hospital:

1910

Channing Whitney Architects 1910 William Kenyon, Maurice F Maine Architects 1920

Janney Addition: Janney Pavilion:

1920 1938

no plans available

Wyman Addition: 1938

no plans available

Wyman 18<sup>th</sup> Entry: 1957

Stevens Addition: 1957 Magney, Tusler & Setter Architects & Engineers 1957

Plaza Deck/Mech: 1966

Magney, Tusler & Setter Architects & Engineers 1957 Setter, Leach & Lindstrom Architects & Engineers 1966

### Neighborhood:

The property is located southwest of downtown Minneapolis. Interstate 94 is north of the property and separates the site from the Minneapolis Convention Center by two blocks. The property is located in the Historic Stevens Square Community. The Stevens Square Park is adjacent to the site. The Minneapolis Institute of Art is located six blocks south. The Nicollet Avenue (one block to the west) street car rail line is in the planning stages and expected to take 5 years

> 5661 International Parkway Minneapolis, MN 55428

### Overview:

Dunwoody Apartments is the substantial renovation of the Historic Abbott Hospital The project will consist of the conversion of the existing buildings into 123 unit multi-family rental apartments. There shall be nine(9) studio/1 bathroom units, ninety(90) 1 bedroom /1 bathroom units, twenty (20) 2 bedroom/1 bathroom units, three(3) 2 bedroom units which will have 1 ½ bathrooms and one(1) 2 bedroom unit that will have 2 bathrooms. Included are three (3) ADA units.

### Parking:

Basement parking (40 spaces) Plaza parking (24 spaces) Surface lot parking (40 spaces)

### **Basement Parking:**

Renovations are to include the removal of the surface loading dock plaza topping, structural slab and concrete columns. Access to lower parking will be by the addition of the ramp and cantilever retaining wall that parallels the foundation. The boiler subbasement shall be in-filled with granular material and concrete paving.

The structural work at the plaza parking is to include the addition of masonry bearing walls in the basement and the installation of precast double tees (full span), hot applied waterproofing and concrete paving. Concrete curbs are installed at the upper perimeter.

### **Exterior removals:**

Non contributing one story additions on the north elevation are to be removed for the construction of the surface entrance plaza. Construction is of clear span precast plank, supported by masonry partitions, waterproofing and concrete topping. The open air plaza features brick pavers, raised precast and cast in place planting beds, patio furniture and gas grill. Light bollards are placed throughout to accentuate the spaces. Bike racks are located at two locations on the plaza.

The exterior brick surfaces of the Historic building shall be cleaned. Tuckpointing of joints, replacement of stone window sills and the infill of non-contributing through wall mechanical units are in line with recommendations of the State Historic Preservation Office. Street level windows are added along Stevens Avenue by the removal of the existing brick. Installation of new windows are included at previously infill locations as well as the repair of the windows to remain.

### **Interior renovations:**

Non-load bearing clay tile partitions are to be removed at the interior to enlarge the unit spaces by the conversion of two single wards into one living space. Corridor clay tile partitions with cement plaster are to remain and patched. Interior unit remodeling includes the addition of gyp board partitions, doors, cabinetry, appliances and finishes.

A laundry room is included on each floor for the residents. A fitness room as well as storage areas are provided in the basement area.

5661 International Parkway Minneapolis, MN 55428

### **Exterior Additions/Renovations:**

At the location of the removal of non-contributing kitchen addition and single story masonry additions, removed as part of select demolition, a new entry is included as well as the metal stud framing and face brick at the connection links at the open courtyard.

### Conveyances:

The existing complex has five elevators, two of which will be abandoned, removed and in-filled and the other three are to be replaced with new five stop hydraulic elevators

### Electrical:

A new electrical service is provided to the building. The transformer is located in the parking lot landscaped island and screened with ornamental fencing. Four meter rooms are located throughout the basement for distribution. Each tenant space shall have its own electrical meter and costs for usage are by the tenant. Phone, television and internet connections are also provided to each unit.

### Mechanical:

### 1. Storm Sewer:

A new storm sewer system is added to collect and drain surface runoff from the site. As part of the Storm water Management Program and storm water/sanitary separation, runoff is directed and held in the infiltration bed located along the north property of the surface parking. Water is diverted to the granular material filled bed to allow for the percolation of the water into the sub-grade. This system reduces the amount of runoff and prevents contaminates from entering the city storm sewer system.

### 2. Plumbing:

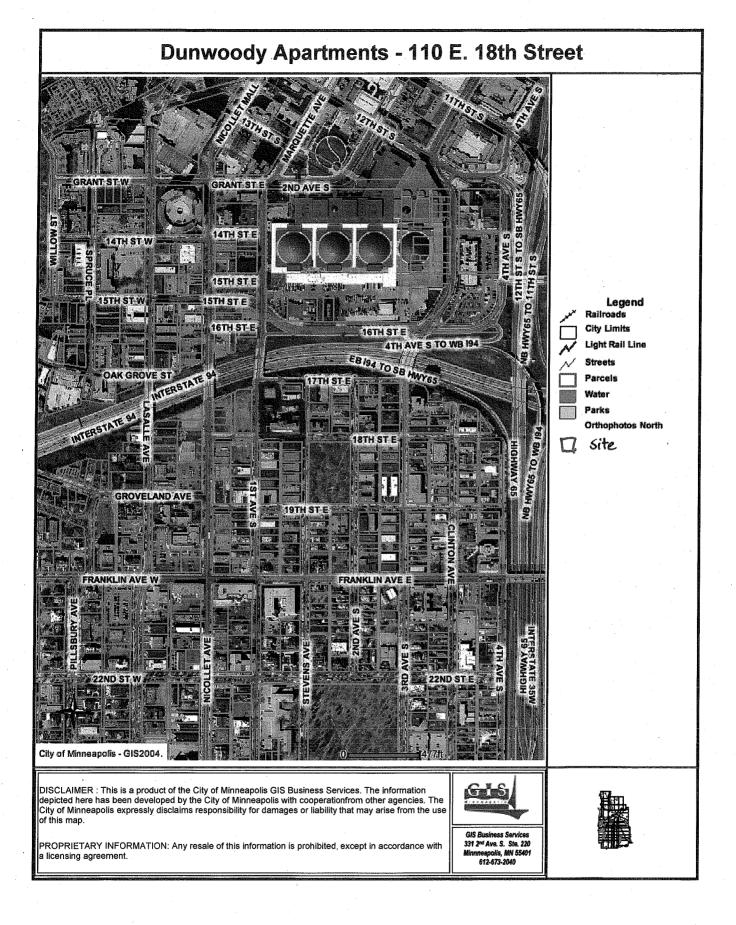
Re-connections of the existing water and sewer service at the point of entry are to be made. The plumbing system within the buildings will be new. Hot water needs are provided by the addition of four boiler heated tanks located in mechanical penthouse.

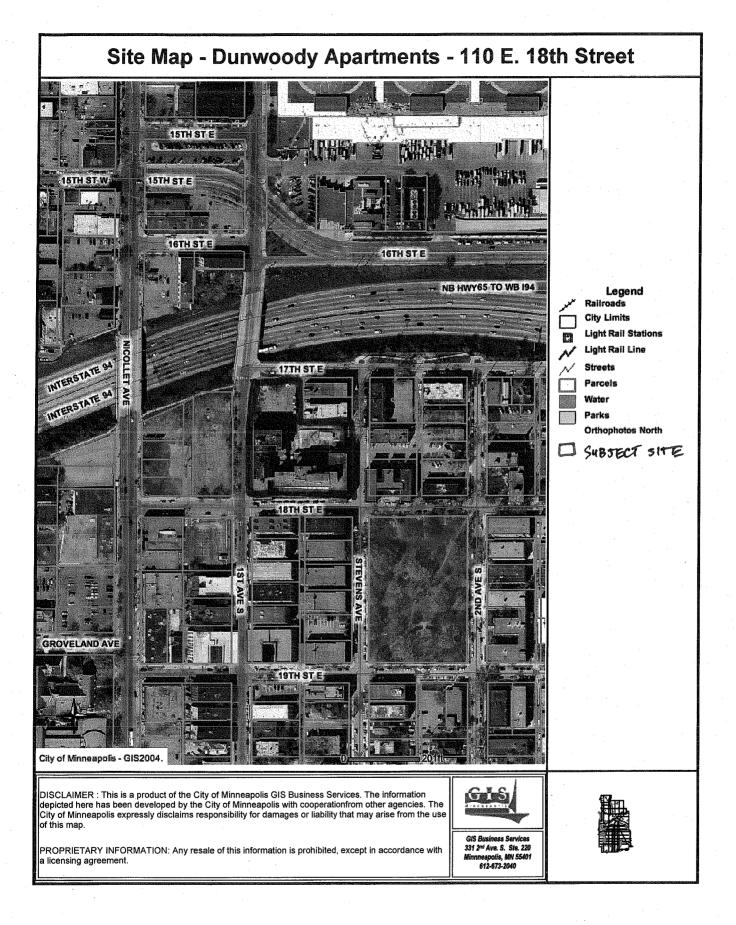
### 3. Fire Sprinklers:

Fire protection will be provided throughout by the construction of new distribution piping and new sprinkler heads in all units and common areas.

### 4. Heating and Cooling:

A two pipe system will be employed that consists of gas fire boilers for heating(3 ea) and the chiller located in the mechanical penthouse. Water is circulated throughout the complex. At the units, the heat pump is located in the ceiling spaces in the toilet. Ducted air is distributed within the unit. Ductwork is concealed within gyp soffits.

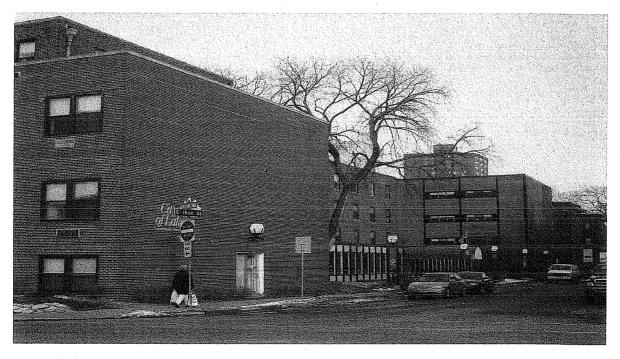




# Existing building photos



1st Avenue South, Original Historic Abbott Hospital (1910) and Janney Addition (1920)

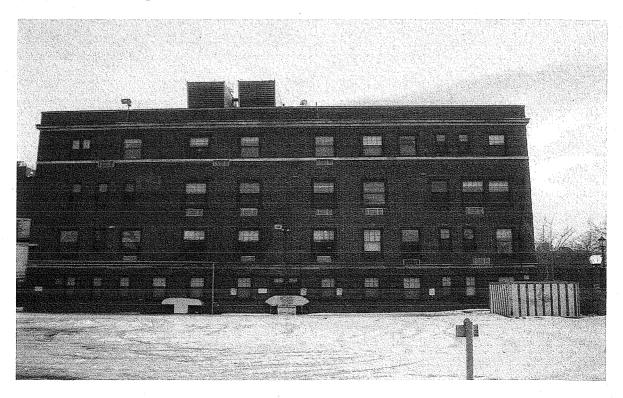


18<sup>th</sup> Street East and 1<sup>st</sup> Ave South (Janney Pavilion 1954 addition)

5661 International Parkway Minneapolis, MN 55428

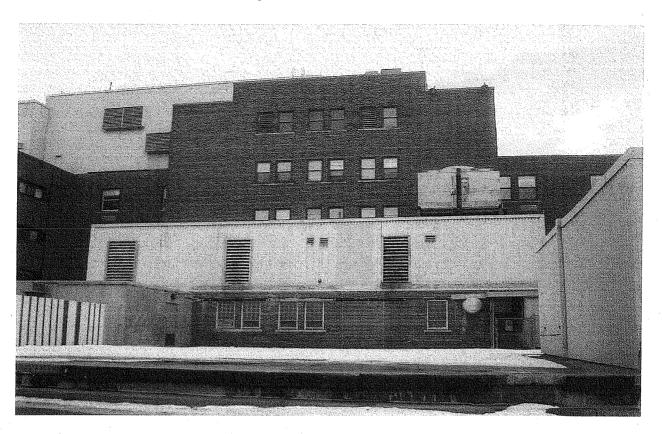


West Elevation along 1st Avenue South



North Elevation of the Janney Addition (1920)

5661 International Parkway Minneapolis, MN 55428



North elevation Wyman Addition (1938) to become the main entry to Dunwoody Apartments



Stevens Avenue Addition (1957)



18th Street East (South elevation, one story addition to the Wyman Addition-1958)

Classic architectural details to be restored in the rehab of the structures



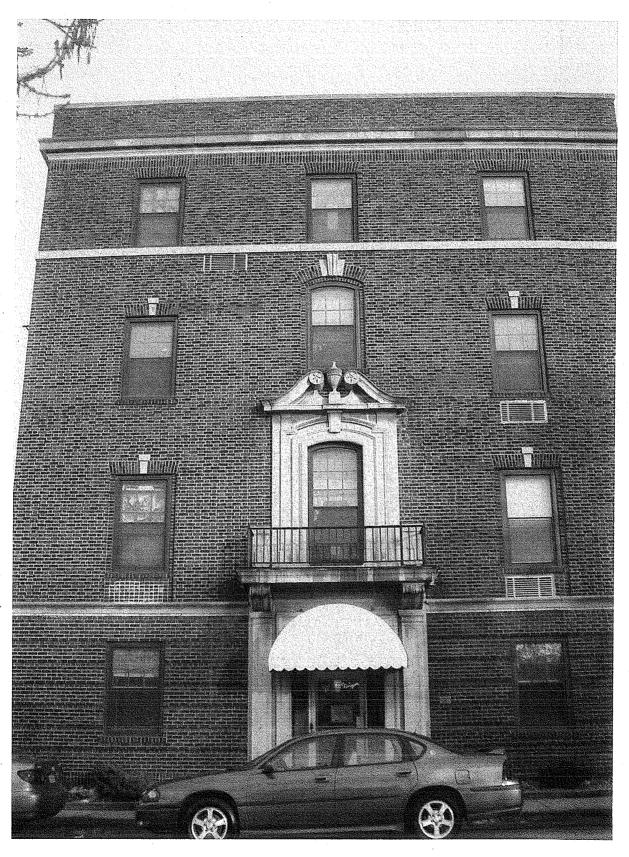
Removal of the throughwall ac units and patching to match the stone sills and brick



5661 International Parkway Minneapolis, MN 55428



Brick and stone cleaning, tuckpointing of mortar joints and restoration of the window units is in keeping with the original design intent of the historic structures



Architectural details of the 1920's will be maintained and restored

5661 International Parkway

Minneapolis, MN 55428



Restoration of the brick arches is included in the exterior brick repair scope

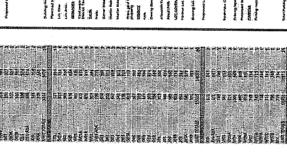
# DUNWOODY APARTMENTS GENERAL LAND USE APPLICATION

110 18TH STREET EAST, MINNEAPOLIS, MN 55403

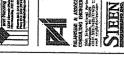
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DRAWING INDEX

PRELIMINARY ZONING SUMMARY



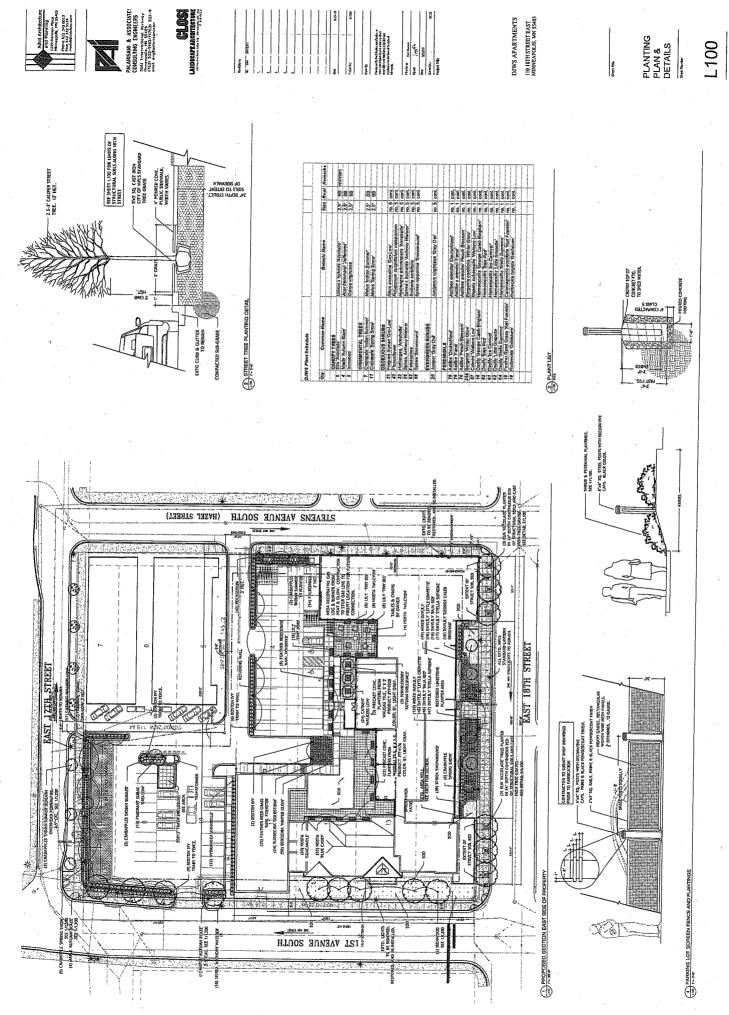
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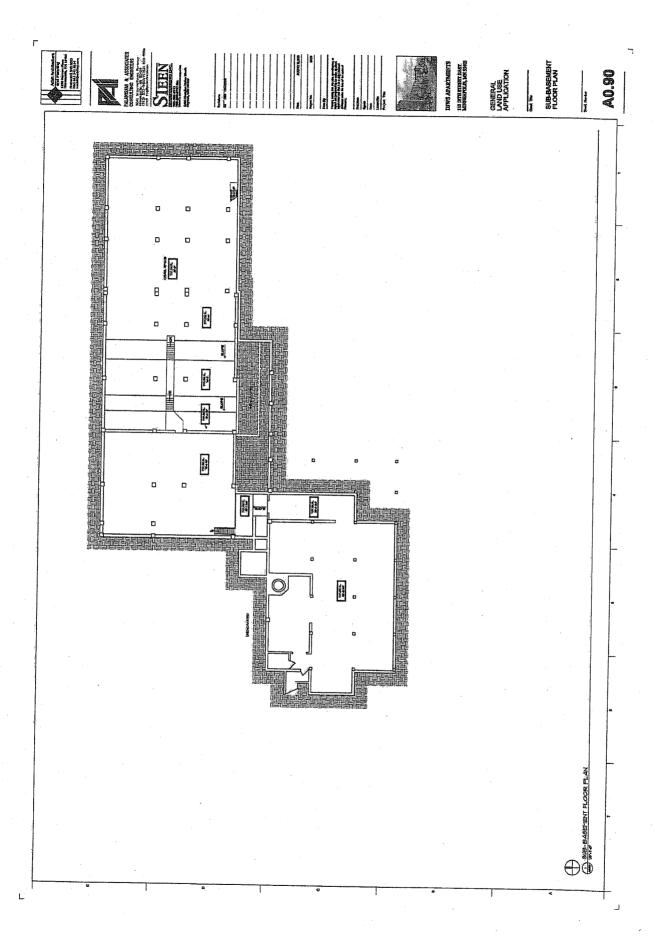
**KEY PLAN** 

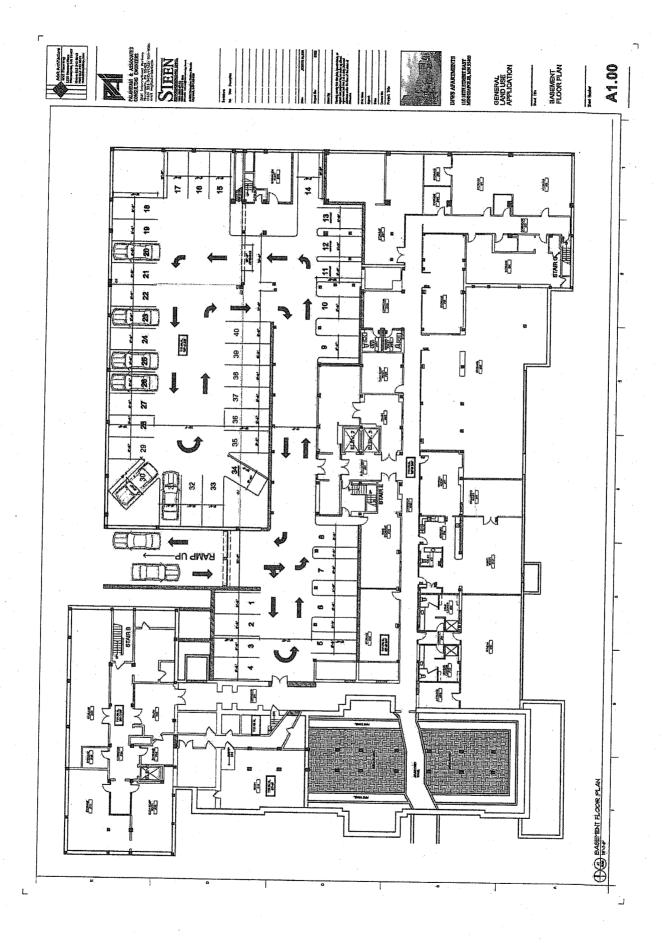
GENERAL LAND USE APPLICATION

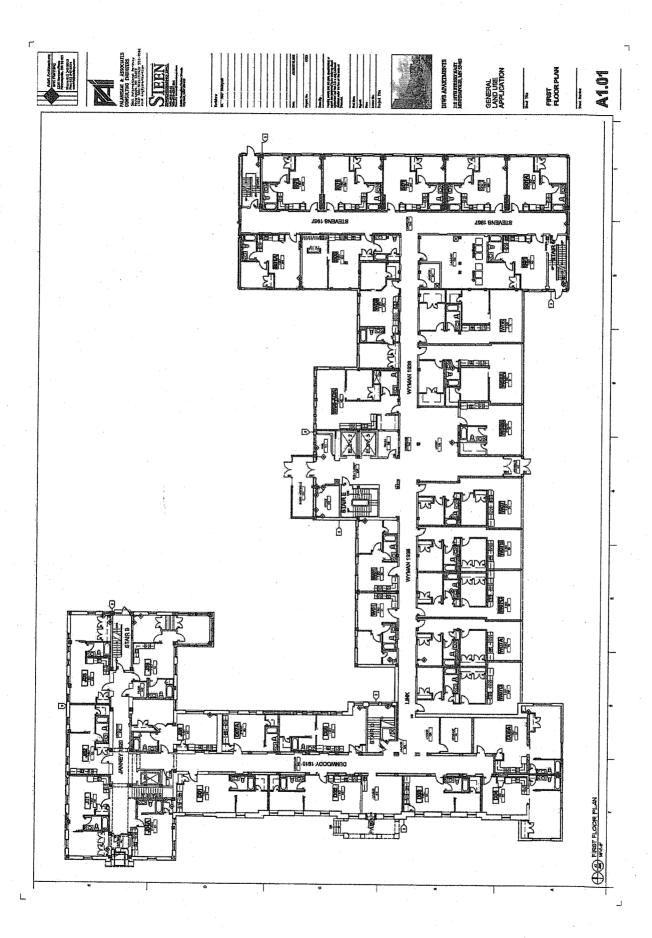
TILE SHEET

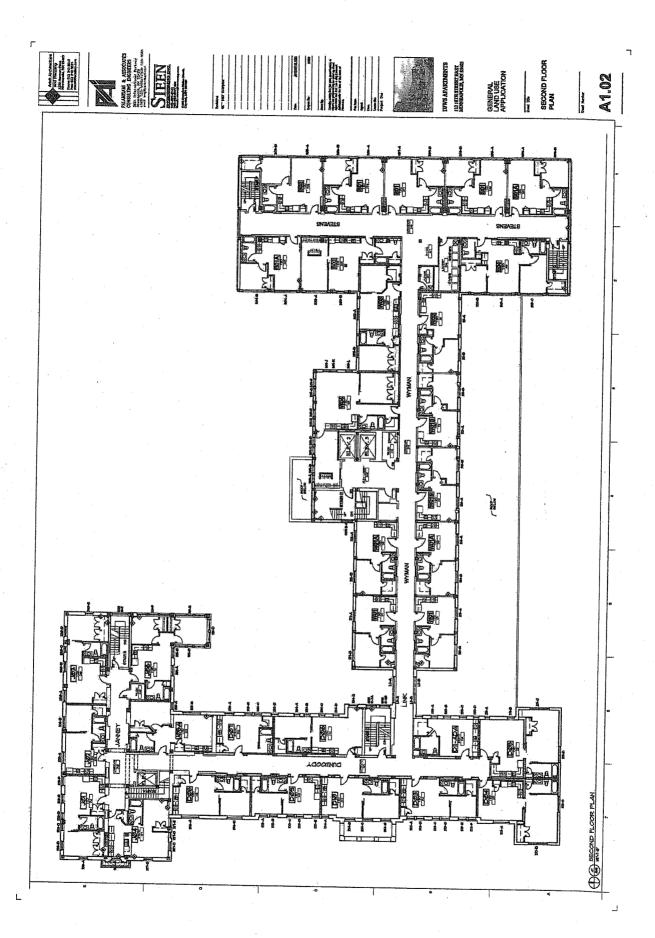
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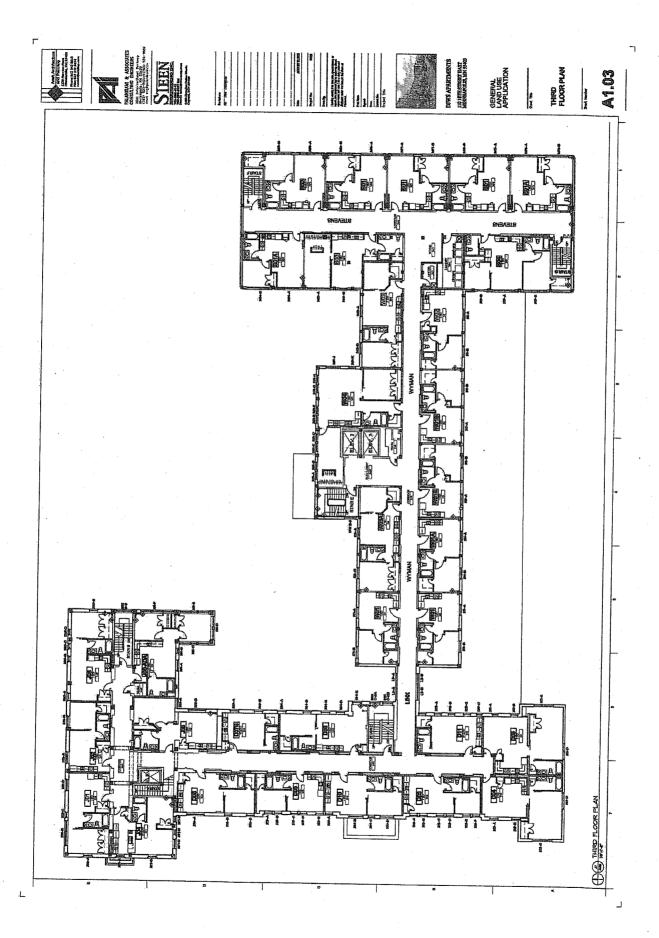


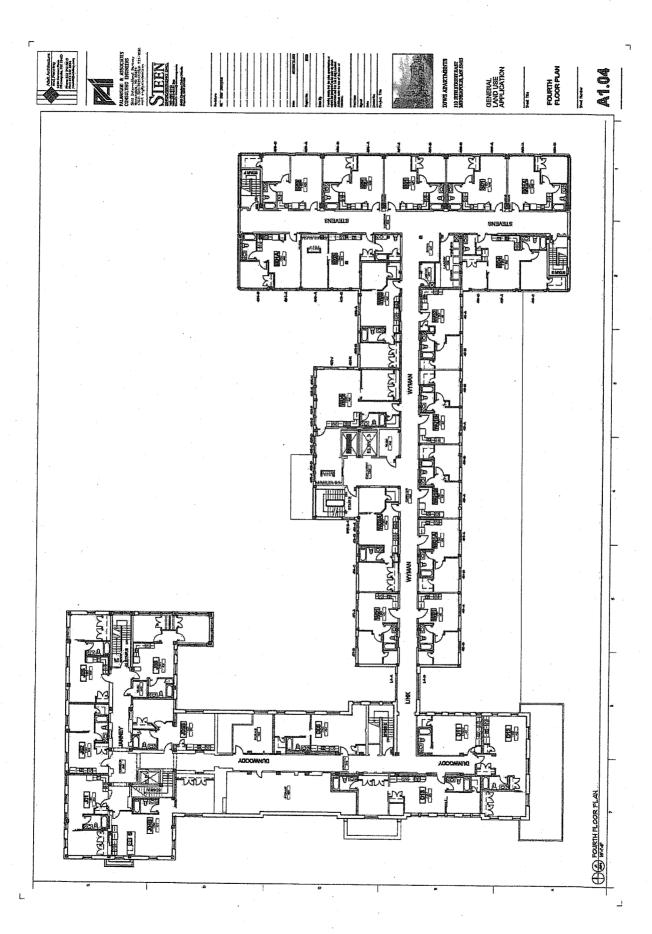


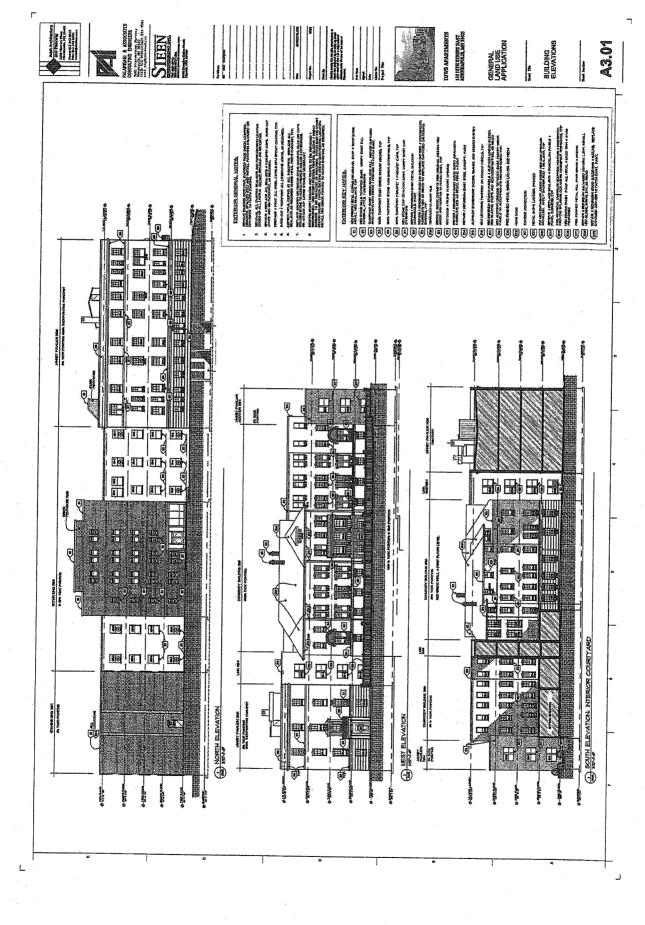


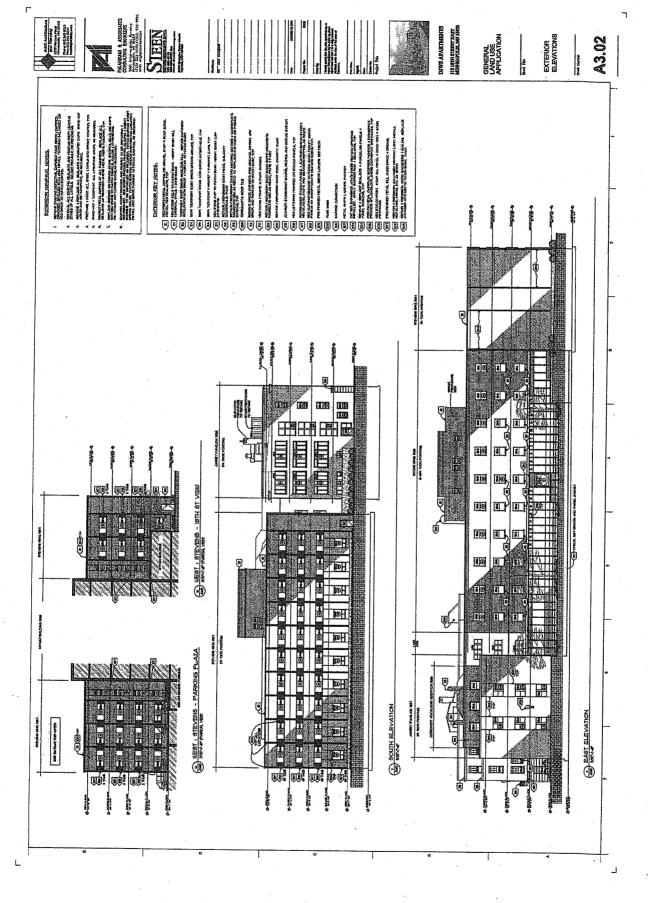


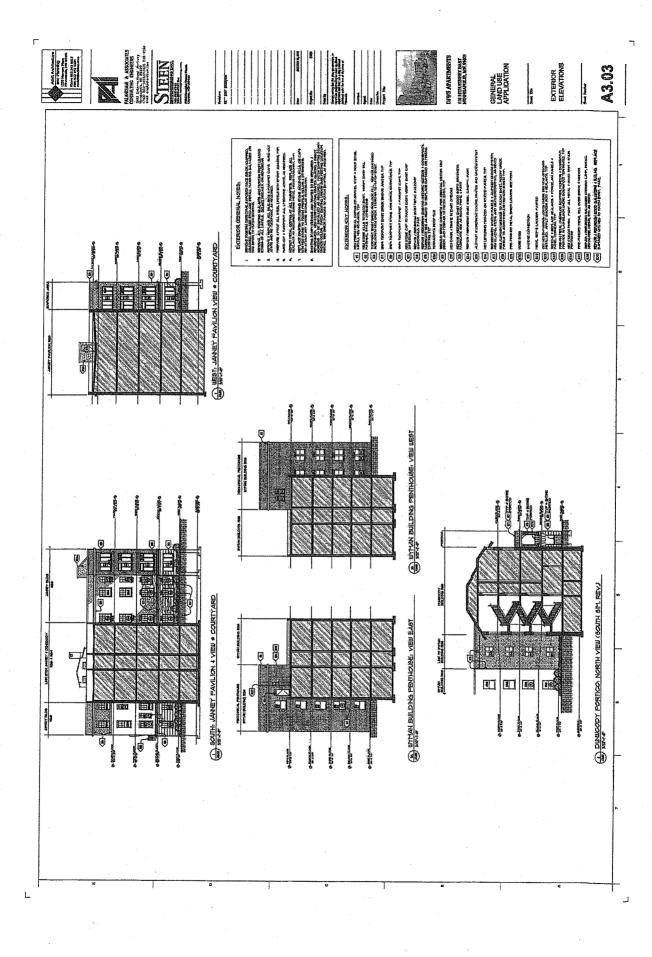












# **ATTACHMENT 3**

**HPC & SHPO correspondence** 

### City of Minneapolis

<u>CPED Home > Heritage Preservation Commission Minutes > 2008 Minutes</u>

# **Minneapolis Heritage Preservation Commission Actions**

Regular Meeting
4:30 p.m., Tuesday, June 10, 2008



Room 317, City Hall 350 South Fifth Street Minneapolis, MN 55415-1385

**Board Membership**: Mr. Chad Larsen, Ms. Amy Ollendorf, Ms. Denita Lemmon, Ms. Kathleen Anderson, Mr. John Crippen, Ms. Meghan Elliott, Mr. Kevin Kelley, Ms. Ginny Lackovic, Ms. Linda Mack, and Ms. Deborah Morse-Kahn.

Committee Clerk: Diana Armstrong, 612.673.2615

The meeting was called to order at 4:32 p.m.

Commissioners Anderson and Ollendorf were absent and excused from tonight's meeting.

Minutes were approved for the meeting held on May 20, 2008.

# **Public Hearings**

For Presentation

1. 822 26<sup>th</sup> Ave NE, Potential Historic Resource, Ward 1

Staff: Brian Schaffer, 612.673.2670

Demolition of an Historic Resource.

Staff Report: 26<sup>th</sup> Avenue NE

**ACTION:** Motion to **adopt** staff findings and **deny** the application for demolition of an historic resource property.

2. 110 East 18<sup>th</sup> Street, Stevens Square Historic District, Ward 6

Staff: Carol Ahlgren, 612.673.2847

Certificate of Appropriateness for rehabilitation at the former Abbott Hospital complex for conversion into apartments.

Staff Report: East 18th Street

### 110 18th Street E Certificate of No Change

Date received:

09/14/2010

Received by:

Chris Vrchota

Date application complete: 09/14/2010

Name of building:

**Dunwoody Apartments** 

Historic District:

Stevens Square

BZH:

26664

### Staff Findings and Comments:

- 1. The site is a contributing resource to the Stevens Square historic district.
- 2. The work constitutes minor changes to a previously approved Certificate of Appropriateness (BZH-25447) and is generally in keeping with the original approvals.
- 3. The changes from the originally approved work include the following:

### North Elevation:

- Elevator penthouse on top of Janney addition was originally planned for demolition- it is now planned to remain.
- All other work is the same as original proposal.

### **West Elevation:**

All work in current proposal is the same as in the original proposal.

### **East Elevation: Interior Courtyard:**

All work in current proposal is the same as in the original proposal.

### West: Stevens: Parking Plaza:

- Original proposal called for removal of "ribbon windows" on 2<sup>nd</sup>-4<sup>th</sup> floors, replacement with similar style windows that were 1-foot taller. Current proposal is to rehabilitate existing windows. This is at the direction of the National Park Service.
- All other work is the same as original proposal.

### West: Stevens: 18th Street View:

- Original proposal called for removal of "ribbon windows" on 2<sup>nd</sup>-4<sup>th</sup> floors, replacement with similar style windows that were 1-foot taller. Current proposal is to rehabilitate existing windows. This is at the direction of the National Park Service.
- Current proposal includes one additional window on the 1st floor, next to the existing door.
- All other work is the same as original proposal.

### **East Elevation: View From Stevens Avenue S:**

- 4 new windows to be installed on the 1st floor reduced in size from original proposal, at the direction of the National Park Service.
- All other work is the same as original proposal.

### South Elevation: View From 18th Street S:

- Original plans called for 6 sets of side-by-side windows (2 sets per story) to be cut into the south face of the Janney Pavilion. Current proposal omits all window additions, at the direction of the National Park Service.
- The door on the Janney Pavilion will be rehabilitated rather than removed and in filled, at the direction of the National Park Service.
- All other work is the same as original proposal.

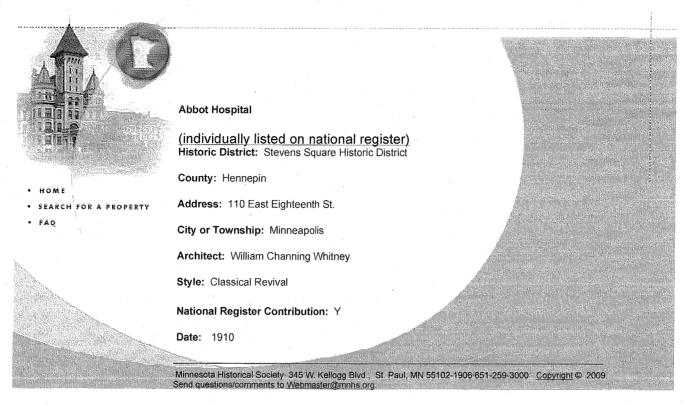
### **Conditions of Approval**

- 1. No other work is approved.
- 2. Any changes or additions to the work being done shall be reviewed by staff.
- 3. These approvals shall be valid for one year from the date of approval.

Reviewed by:	<u>Chris Vrchota</u>
Date Approved:	9/28/10
Date Denied:	

### MINNESOTA HISTORICAL SOCIETY

MHS HOME > SHPO HOM





14 June 2011

P. Palanisami, President Gateway Commons LLC 5661 International Parkway Minneapolis, Minnesota 55428-3046

Re:

Historic Structure Rehabilitation State Tax Credit Application for Abbott Hospital,

110 18<sup>th</sup> Street East, Minneapolis; Tax Project # 21675

Dear P. Palanisami:

Enclosed please find the Allocation Certificate for the Historic Structure Rehabilitation State Tax Credit project for Abbott Hospital, 110 18<sup>th</sup> Street East in Minneapolis.

We received notice from the National Park Service last week that the property was listed in the National Register of Historic Places on June 1, 2011. With the Register designation in place, we are now able to issue the Allocation Certificate for your project.

We look forward to continuing to work with you as the rehabilitation of the building is completed. If you need further assistance, please do not hesitate to contact me at <a href="mailto:bloomberg@mnhs.org">britta.bloomberg@mnhs.org</a> or 651-259-3466.

Sincerely,

Britta L. Bloomberg

**Deputy State Historic Preservation Officer** 

Enclosure

## MINNESOTA HISTORICAL SOCIETY STATE HISTORIC PRESERVATION OFFICE

## Historic Structure Rehabilitation State Tax Credit Allocation Certificate

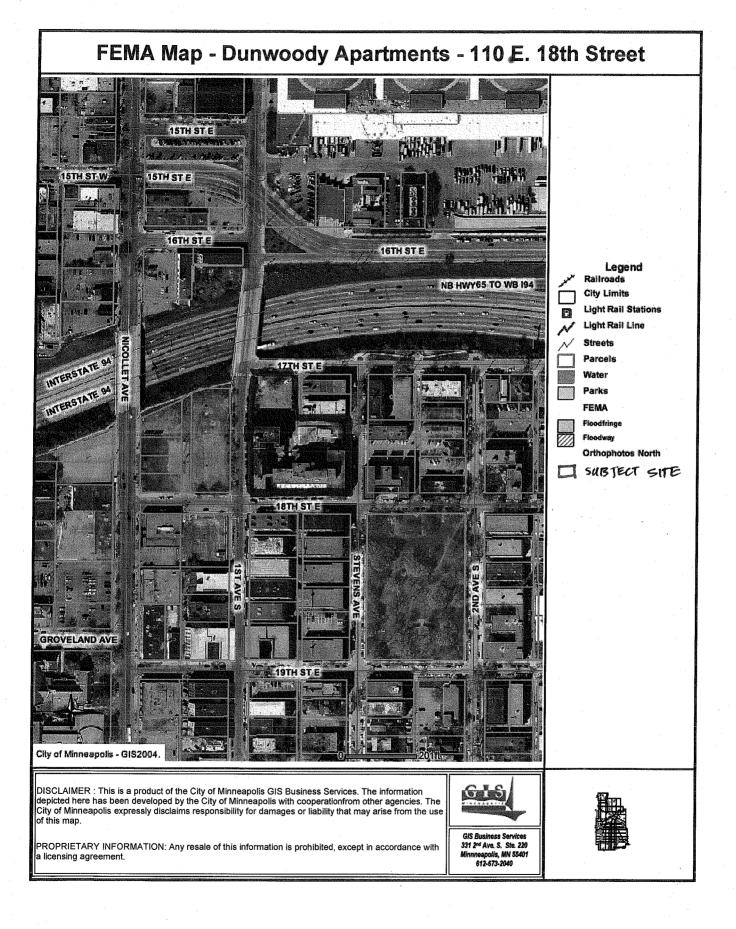
for Part 2 certification for project number <u>21675</u> .
NPS Certification contains special conditions to be met in order for work to qualify: Yes / No.
The <u>Abbott Hospital</u> (historic name of property) at $\underline{110-18^{th}}$ Street E., Minneapolis, MN is a "certified historic structure" as defined in section 47(c)(3)(A) of the Internal Revenue Code and is eligible for a federal credit under section 47(a)(2) of the Internal Revenue Code provided the work meets the <i>Secretary of the Interior's Standards for Rehabilitation</i> .
Estimated Credit or Grant Allocation:
Estimated Qualified Rehabilitation Costs (costs eligible for tax credit): \$\\\\\$16,000,000
Estimated Credit allowed: \$ 3,200,000 *or
Estimated Grant allowed: \$_2,880,000
*Application is for a combination of a tax credit and a grant in lieu of credit
Note: The amount of the credit or grant allowed may increase or decrease if the federal credit the project receives at the time it is placed in service is different than the amount anticipated at the time the allocation certificate is issued.
Authorized Signature:    Signature
State of Minnesota Fiscal Year: 2011
The taxpayer or grant recipient is entitled to receive the credit or grant at the time the project is placed in service and has received Part 3 certification, provided that date is within three (3) calendar years following the issuance of this Allocation Certificate.

This form may not substitute for the Credit Certificate required to claim the credit.

State Historic Preservation Office / 345 Kellogg Blvd. W. / St. Paul, MN 55102-1906 / 651.259.3450

### **ATTACHMENT 4**

FEMA map



### **ATTACHMENT 5**

Wetlands map



U.S. Fish and Wildlife Service

# National Wetlands Inventory

Wetlands Map Apartments Dunwoody

Nov 21, 2011

# Wetlands

Freshwater Forested/Shrub Freshwater Emergent

Estuarine and Marine Deepwater Estuarine and Marine

Freshwater Pond e Xe

Riverine Other

Status

Digital

Non-Digital Scan

No Data

**User Remarks:** 

### **ATTACHMENT 6**

**Noise Analysis Materials** 

### **WORKSHEET A - SITE EVALUATION**

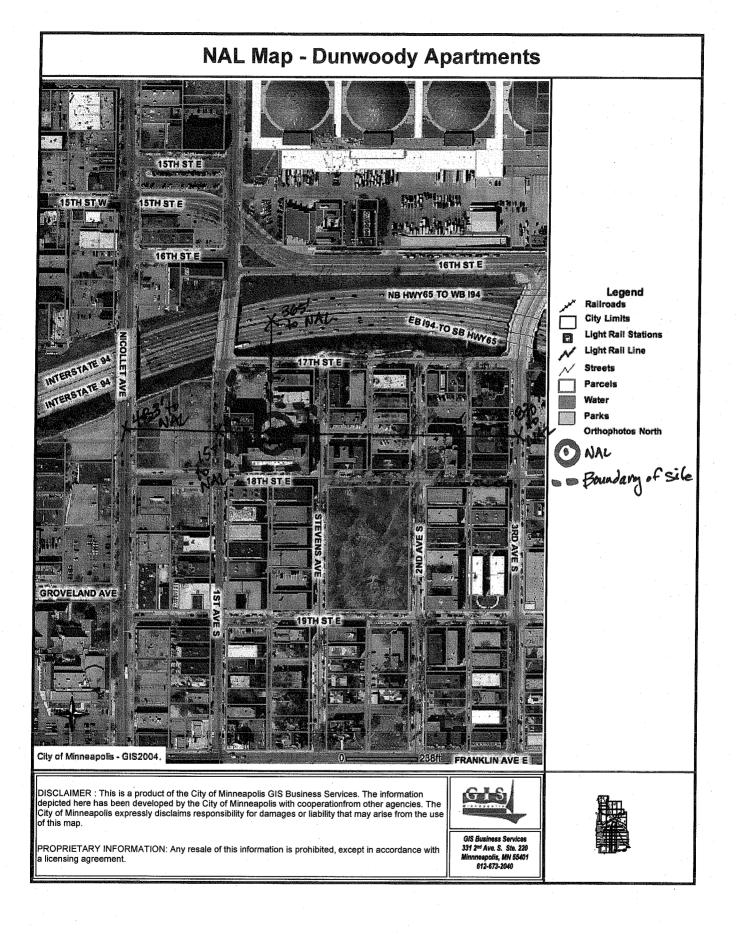
### 22-Nov-11

Site Location	Dun	WD04	Ly A	partu	ents - N	pls, MN	: 110 E	18ta	Stree
Program	Va	ries	<u>.</u>						
Project Name	Duv	wn	dy A	partu	ents				
Locality	Mi	NUON	<u>o</u> li's	, M	1				
File Number	_N	fa	<del>_</del> .	partu , MN					
Sponsor's Name						Phone			-
Street Address	·		_			City/St.			
	Acce	eptabi	lity Ca	ategory	.,,	DNL	Year Predic	ted	<b>-</b> .
	(Circ	ele On	e)		CURRENT	FUTURE			
1. Roadway Noise:	Α	NU	U		69	69	2014		
2. Aircraft Noise:	Α	NU	U		0	0	0		,
3. Railway Noise:	Α	NU	U		. 0	0			•
Combined DNL					69.06	69.32	2014		
FINAL SITE EVALUAT	ΓΙΟΝ:		_		ACCEPTAE	LE			
			X		NORMALLY	'UNACCEP	TABLE	(65-75dB	)
					UNACCEPT	ABLE	•		

27 dB MINIMUM ATTENTUATION FOR FIGURE 19 REQUIRED.

Signature Mules & Faus

Date 11/22/11



### WORKSHEET C - ROADWAY NOISE

List all major Roads within 1000 feet of site:

- 1. Interstate 94
- 2. Nicollet Ave
- 3. First Avenue
- 4. Third Avenu

	Work		ROAD 1	ROAD 2	ROAD 3	ROAD 4
Distance in feet to the edge of the a. nearest lane			1(0)(0)	NO/ND Z	NOAD 0	NOAD 4
b. farthest lane						
c. average			365	485	157	830
Distance to Stop     Sign e	Sign (If no nter 1000)		1000	1000	1000	1000
3. Road Gradient in	n percent (.xx)		0.00	0.00	0.00	0.00
4. Average speed i	n mph					
a. autos	•		55	30	30	30
b. heavy trucks - u	phill		55	30	30	30
c. heavy trucks - d	ownhill		55	30	30	30
5. Auto ADT						
a. auto	(data)		190000	8600	8000	7800
	(projected)		201689	9129	8492	8280
b. medium trucks	(data)		. 0	0	0	0
	(projected)		0	.0	0	0
c. effective ADT	(data)		190000	8600	8000	7800
	(projected)		201689	9129	8492	8280
6. Truck ADT						
a. uphill	(data)		636	267	240	234
(or total)	(projected)		675	283	255	248
b. downhill	(data)		0/3	200	200	240
D. GOWIIIII	(projected)		0	0	0	
c. buses	(projected)		U			U
d. total	(data)		636	267	240	234
	(projected)		675	283	255	248
7. Fraction of nightin (10 PM to 7AM)	me traffic		15%	15%	0%	
8. Traffic Data Is Fo	r What Year?		2008	2008	2008	2008
Traffic Projected 1			2014	2014	2014	
Growth Rate in %/yr			1.00	1.00		1
		ROAD 1	ROAD 2	ROAD 3	ROAD 4	. •
AUTO DNL	Current	68.1	47.5	50.8	39.9	
	Future	68.3	47.8	51.1	40.1	

TRUCK DNL	Current	59.2	52.8	56.0	45.0
	Future	59.5	53.1	56.2	45.3
COMBINECT	rucks & Cars				
	Current	68.6	53.9	57.1	46.2
	Future	68.9	54.2	57.4	46.4
. F	loads 1 & 2	Current		68.7	
		Future		69.0	
F	toads 3&4	Current		57.5	
		Future	. •	57.7	
R	oads 1, 2 & 3	Current		69.0	
	,	Future		69.3	•
R	oads 1,2,3 & 4	Current		69.1	
		Future		69.3	

### Figure 19

Description of Noise Attenuation Measures (Acoustical Construction)

Part 1

Project Name: Dunwoody Apartments
Location: 110 18th Street East
Minneapolis, MN 55403

Sponsor/Developer: Gateway Commons Building Owner LLC

Noise Level(From NAG)

Attentuation Required

Primary Noise Source(s) Residential Street traffic Interstate 94 (40' lower in elevation)

Part II

### 1. For walls facing and parallel to the noise source or closest to parallel

### a. Descripition of wall construction

All exterior walls in all buildings are existing construction. There is minor infill of existing exterior walls (mostly face brick repair in the scope of work

Janney Building

4" face brick, 8" structural clay tile, 4" hollow brick, 5/8" plaster

Dunwoody Building

4" face brick, 8" structural clay tile, 5/8" plaster 4" face brick, 8" structual clay tile, 5/8" plaster

Stevens Building Wyman Building

4" face brick, 8" cast-in-place concrete, 1 5/8" steel studs, batt insulation

### b. STC rating for wall (rated for no windows or doors)

STC ratings are estimates based on tests of similar construction, per the California Department of Health Services, Office of Noise Control, "Catalog of STC and IIC Ratings for Wall and Floor/Ceiling Assemblies."

Janney Building Exterior Wall
Dunwoody Building Exterior Wall
STC 55
Stevens Building exterior wall
STC 55
Wyman Building exterior wall
STC 56

### c. Description of Windows

Existing windows at Janney, Dunwoody and Wyman buildings are wood double hung, single pane glass. Existing windows will be repaired or replaced as needed per National Park Service Historic Rehabilitation guidelines. There are existing storm windows which will be repaired and replaced as required. All windows in these buildings will have storm windows which will improve both existing and new window STC performances

Existing windows at Stevens building are DeVac aluminum triple slider double pane windows. There are no storm windows on this building. No new storm windows will be installed

### New windows

Janney, Dunwoody, and Wyman buildings: Marvin Widnows, Wood Ultimate Double-Hung Magnum. Single-hung, double glazed, insulated wood windows, trim and stile profiles to match existing.

Stevens Building: DeVac Model 651 horizontal sliding; aluminum

### d. STC rating for window type

**New Windows:** 

Mon-Ray Model 504 double-hung storm window

DeVac Model 650 horizontal Sliding

Marvin Wood Ultimate Double-Hung

STC 28 Minimum STC 38 minimum STC 30 minimum

### Existing windows

No field tests of existing windows have been performed. STC values are estimates Janney, Dunwoody and Wyman existing double hung windows STC 20-26 Stevens Building existing DeVAc sliding windows STC 30 minimum

### e. Description of doors

there are no doors from an apartment to the exterior of the building

f. STC rating for doors: NA

### g. Percentage of wall(per wall per dwelling unit) composed of:

Typical Janney Apartment

14% windows/86% wall

Typical Dunwoody Apartment

23% windows/77% wall

Typical Wyman Apartment

24% windows/76% wall

Typical Stevens Apartment

18% windows/82% wall

### h. Combined STC rating for wall component

Typical Janney Apartment

Combined STC=51

Typical Dunwoody Apartment

Combined STC=50

Typical Wyman Apartment

Combined STC=48

Typical Stevens Apartment

Combined STC=51

### 2. For walls perpendicular to noise sources:

- a. Description of wall construction See description for walls parallel
- b. STC rating for wall (rated for no windows or doors) See description for walls parallel
- c. Description of windows: See description for windows in walls parallel
- d. STC rating for windows: See description for windows in walls parallel
- e. Description of doors: There are no doors from an apartment to the exterior of the building
- f. STC rating for doors: NA

Windows and doors

h. Combined STC rating for wall component

- Roofing component (if overhead attenuation is required due to aircraft noise) No overhead attenuation is required. No aircraft noise identified as contriguting noise source
  - a. Description of roof construction Structural cast-in place concrete, rigid insulation, ballasted membrane roofing
- b. STC rating(rated as if no skylights or other openings)-NA
- c. Description of skylights or overhead windows-NA
- d. STC rating for skylights or overhead windows-NA
- e. Percentage of roof composed of skylights or windows(per dwelling unit)-NA
- f. Percentage of roof composed of large uncapped openings such as chimneys-NA
- g. Combined STC rating for roof construction-NA
- Description of type of mechanical ventilation provided:

Figure 19 Description of Noise Attenuation Measures (Acoustical Construction)

Part I		
Project Name Location	Dunwoody Apartments (HUD project #092-3570) 110 18 <sup>th</sup> Street East, Minneapolis MN 55403	
Sponsor/Develo	per Gateway Commons LLC	
Noise Level (Fr	om NAG) Attenuation Required	
Primary Noise S	ource(s)	

### Part II

- 1. For wall(s) facing and parallel to the noise source(s) (or closest to parallel):
  - Description of wall construction: \_All exterior walls in all buildings are existing construction. There is minor infill of existing exterior walls(mostly face brick repair) in the scope of work.

Janney Building -

4" face brick, 8" structural clay tile, 4" hollow brick, 5/8" plaster.

Dunwoody Buiding -

4" facebrick, 8" structural clay tile, 5/8" plaster

Stevens Building -

4" facebrick, 8" structural clay tile, 5/8" plaster

Wyman Building -

4"facebrick, 8"cast-in-place concrete, 1-5/8" steel studs batt insulation.

b. STC rating for wall (rated for no window or doors):

> STC ratings are estimates based on tests of similar construction, per the California Department of Health Services, Office of Noise Control, "Catalog of STC and IIC Ratings for Wall and Floor/Ceiling Assemblies."

Janney Building exterior wall:

STC 55

Dunwoody Building exterior wall: STC 55

Stevens Building exterior wall:

STC 55

Wyman Building exterior wall:

STC 56

Description of Windows: c.

### **New Windows:**

Storm windows at Janney, Dunwoody and Wyman Buildings: Mon-Ray Model 504 double-hung style; aluminum. No aluminum storm windows for Stevens Building.

Janney, Dunwoody and Wyman Buildings: Marvin Windows, Wood Ultimate Double-Hung Magnum. Single-hung, double-glazed, insulated wood windows, trim and stile profiles to match existina.

Stevens Building: DeVAC Model 650 horizontal sliding; aluminum.

### **Existing Windows:**

Existing windows at Janney, Dunwoody and Wyman buildings are wood double hung, single pane glass. Existing windows will be repaired or replaced as needed per National Park Service Historic Rehabilitation guidelines. There are existing storm windows which will be repaired and replaced as required. All windows in these buildings will have storm windows which will improve both existing and new window STC performance.

Existing windows at Stevens building are De VAC aluminum triple slider double pane windows. There are no storm windows on this building. No new storm windows will be installed.

d. STC rating for window type:

New Windows:

Mon-Ray Model 504 double-hung storm window:

De VAC Model 650 horizontal Sliding:

STC 28 minimum STC 38 minimum

ı:<sup>-</sup>

Marvin Wood Ultimate Double-Huna:

STC 30 minimum

### **Existing Windows:**

No field tests of existing windows have been performed. STC values are estimates.

Janney, Dunwoody and Wyman Building existing double hung windows:

STC 20-26

Stevens Building existing De VAC sliding windows:

STC 30 minimum

- e. Description of doors: Doors through exterior walls (building entrance doors) are Aluminum Storefront for all buildings. Product: Kawneer Trifab VG 451T, 4-1/2" wide frame, double-glazed, insulated, clear tempered safety glass. NOTE: There are no doors from an apartment to the exterior of the building.
- f. STC rating for doors: Kawneer Trifab VG 451T: STC 30 (estimated)
- g. Percentage of wall (per wall, per dwelling unit) composed of:

Typical Janney Apartment:

14% windows, 86% wall

Typical Dunwoody Apartment:

23% windows, 77% wall

Typical Wyman Apartment:

24% windows, 76% wall

Typical Stevens Apartment:

18% windows, 82% wall

h. Combined STC rating for wall component:

Typical Janney Apartment:

Combined STC = 51

Typical Dunwoody Apartment:

Combined STC = 50

Typical Wyman Apartment:

Combined STC = 48

Typical Stevens Apartment:

Combined STC = 51

- 2. For walls perpendicular to noise source(s):
  - a. Description of wall construction:

See description for walls parallel

- b. STC rating for wall (rated for no windows or doors): See description for walls parallel
- c. Description of windows: See description for windows in walls parallel
- d. STC rating for windows: See description for windows in walls parallel
- e. Description of doors: See description for doors in walls parallel

	STC rating for doors: See under description for doors in walls parallel
g.	Percentage of wall (per wall, per dwelling unit) composed of:  windows and doors
h.	Combined STC rating for wall component:
	ofing component (if overhead attenuation is required due to aircraft noise): No overhead attenuatured. No aircraft noise identified as contributing noise source.
a.	Description of roof construction: N/A
b.	STC rating (rated as if no skylights or other openings):
c.	Description of skylights or overhead windows:
d.	STC rating for skylights or overhead windows:
e.	Percentage of roof composed of skylights or windows (per dwelling unit):
f.	Percentage of roof composed of large uncapped openings such as chimneys:
g.	Combined STC rating for roof component:
l. Dese	cription of type of mechanical ventilation provided:
repare	ed by: Meredith Wu, RN AIA, Adsit Architecture and Planning,
Date: _	
	alls contain vents or similar openings, attach a description of duct arrangement and insulation and

# Dunwoody Apartments: Average Daily Traffic (ADT) Counts

- Interstate 94: The Interstate Highway is located approximately 365 feet from the Noise Assessment Location (NAL) and has a total ADT of 190,000 vehicles (2008 figures) in the vicinity of the NAL. The Interstate Highway is a truck route. The Minneapolis Public Works Department estimates that trucks constitute 3-5% of all traffic on Interstate Highways and MSA roadways.
  - Nicollet Avenue: The street is located approximately 485 feet from the NAL and has a total ADT of 8,600 vehicles (2008 figures) in the vicinity of the NAL. The street is a Municipal State Aid (MSA) road and a truck route.
- First Avenue: The street is located approximately 157 feet from the NAL and has a total ADT of 8,000 vehicles (2008 figures) in the vicinity of the NAL. The street is a Municipal State Aid (MSA) road and a truck route.
- Third Avenue: The street is located approximately 830 feet from the NAL and has a total ADT of 7800 vehicles (2008) figures in the vicinity of the NAL. The street is a Municipal State Aid (MSA) road and a truck route.

# CITY OF MINNEAPOLIS, DEPARTMENT OF PUBLIC WORKS, TRAFFIC AND PARKING SERVICES DIVISION 2008 AVERAGE ANNUAL DAILY TRAFFIC VEHICULAR TRAFFIC FLOW

